

**Delaware Department of Transportation
Division of Transportation Solutions
Design Guidance Memorandum**

Memorandum Number 2-3

1. Road Design Manual 2. Bridge Design Manual 3. Utilities Design Manual
4. Real Estate Manual 5. Standard Specifications 6. Standard Construction Details
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Title: Roadside Treatment Under Structure Effective date: June 1, 2002

Sections to Implement: X Road, X Bridge, X PMT, X Design Support,
____ Specification, ____ Utility, ____ Real Estate, X Quality Management, X Field
Services, X District, Other _____

I. Purpose:

To provide guidance for the treatment of roadside under bridges where vegetation will not survive due to lack of sunlight and water.

II. Design Guidance:

1. The area between the roadway shoulder and the drainage roadside ditch is to be paved with properly designed hot mix pavement. The ditch may be paved or appropriate size riprap.
2. Grass roadway median or shoulder may be continued into the underside of an overpass bridge if sunlight and water are determined to be adequate due to the height, width or orientation of the overpass and the topography of the site.

III. Justification:

To improve aesthetics of the roadside and reduce erosion of the exposed soil in this area.

Prepared and

Recommended By:

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May 20, 2002
Date

Approved:

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May 29, 2002
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